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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	4
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Complete if Known

Application Number	09/887,606
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Filing Date	June 22, 2001
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First Named Inventor	Scarpino, F.
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Group Art Unit

Examiner Name

Attorney Docket Number	TRD0211A
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. [†]	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
2		1,855,054		Johnson	04/19/1932	
		3,243,511		Erdman et al.	03/29/1966	
		3,370,125		Shaw et al.	02/20/1968	
		3,499,988		Watanabe et al.	03/10/1970	
		3,659,056		Morrison et al.	04/25/1972	
		3,985,977		Beaty et al.	10/12/1976	
		4,079,295		den Hollander	03/14/1978	
		4,275,267		Kurtin et al.	06/23/1981	
		4,323,736		Strickland	04/06/1982	
		4,490,844		Sohn	12/25/1984	
		4,589,133		Swinbanks	05/13/1986	
		4,621,203		Sweeny	11/04/1986	
		4,692,852		Hoover	09/08/1987	
		4,734,897		Schotz	03/29/1988	
		4,748,669		Klayman	05/31/1988	
		4,845,758		Op de Beek et al.	07/04/1989	
		4,866,774		Klayman	09/12/1989	
		5,161,131		Borchardt et al.	11/03/1992	
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FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. (Include copy of this form with next communication to applicant.

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Sheet 2 of 4

Complete if Known

Application Number	09/887,606
Filing Date	June 22, 2001
First Named Inventor	Scarpino, F.
Group Art Unit	
Examiner Name	
Attorney Docket Number	TRD0211A

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Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,223,657		Takeuchi	06/29/1993	
		5,235,671		Mazor	08/10/1993	
		5,278,780		Eguchi	01/11/1994	
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		5,371,803		Williamson, III	12/06/1994	
		5,406,634		Anderson et al.	04/11/1995	
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		5,506,910		Miller et al.	04/09/1996	
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		5,819,215		Dobson et al.	10/06/1998	
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		5,828,755		Feremans et al.	10/27/1998	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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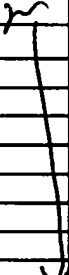
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Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	09/887,606	
(use as many sheets as necessary)			Filing Date	June 22, 2001	
			First Named Inventor	Scarpino, F.	
			Group Art Unit		
			Examiner Name		
Sheet	3	of	4	Attorney Docket Number	TRD0211A

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
TK		5,873,065		Akagiri et al.	02/16/1999	
		5,881,157		Lee et al.	03/09/1999	
		5,881,317		Hampsten et al.	03/09/1999	
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		6,111,181		Macon et al.	08/29/2000	
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		08/909,807		Garcia et al.		
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	09/431,371		Scarpino et al.			

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		DE	20 25 844	✓ A	Mangelsdorff	12/02/1971		
		DE	41 34 578	✓ A1	Moller	04/29/1993		
		EP	0 817 045	✓ A2	Sun Microsystems Inc	01/07/1998		
		JP*	11-086008	A	Matsushita Electric	10/26/1989	*(Abstract)	
		JP*	23-011006	A	Pioneer Electron	03/13/1991	*(Abstract)	
		GB	2 137 427	A	McCulloch Corporation	10/03/1984		
		WO	99/30414	A1	True Dimensional Sound	06/17/1999		
		WO	01/13515	A1	True Dimensional Sound	02/22/2001		
		WO	01/43118	A1	True Dimensional Sound	06/14/2001		
		WO	01/50598	A2	True Dimensional Sound	07/12/2001		

Examiner Signature	Date Considered 7/26/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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Complete if Known

Application Number	09/887,606
Filing Date	June 22, 2001
First Named Inventor	Scarpino, F.
Group Art Unit	
Examiner Name	
Attorney Docket Number	TRD0211A

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
✓		LAWRENCE R. RABINER; "Techniques for Designing Finite-Duration Impulse-Response Digital Filters"; IEEE Transactions on Communication Technology; April 1971, pages 188-195; Vol. 19, no. 2; IEEE Inc. New York	
		GARY A. NELSON, et al.; "High-Speed Octave Band Digital Filtering"; IEEE Transactions on Audio and Electroacoustics; March 1972, pages 58-65; Vol. 20, No. 1; IEEE, Inc. New York	
		JOHN MARKUS; Modern Electronic Circuits Reference Manual; 1980, pages 53, 60 and 61; McGraw-Hill Book Company, New York	
		"Circuit 231: Entzerrer"; 273 SCHALTUNGEN, 1980, pages 174, 175; Elektor Verlag GmbH, Gangel Germany	
		FRANK A. SCARPINO; "Discrete Fourier Transform and Closed Form Fourier Series Digital Filters with Controlled Intersymbol Interference"; Dissertation Submitted to the School of Engineering; August 1987, pages 116-123; University of Dayton, Dayton Ohio	

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John A. Mulick

Date

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7/26/05

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Application Number	09/887,606
Filing Date	June 22, 2001
First Named Inventor	Frank A. Scarpino
Group Art Unit	2644
Examiner Name	
Attorney Docket Number	TRD 021 IA

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Sheet 1 of 1

Attorney Docket Number	TRD 021 IA
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/887,606
				Filing Date	June 22, 2001
				First Named Inventor	Scarpino, F.
				Group Art Unit	2644
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	TRD 021 IA

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